

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

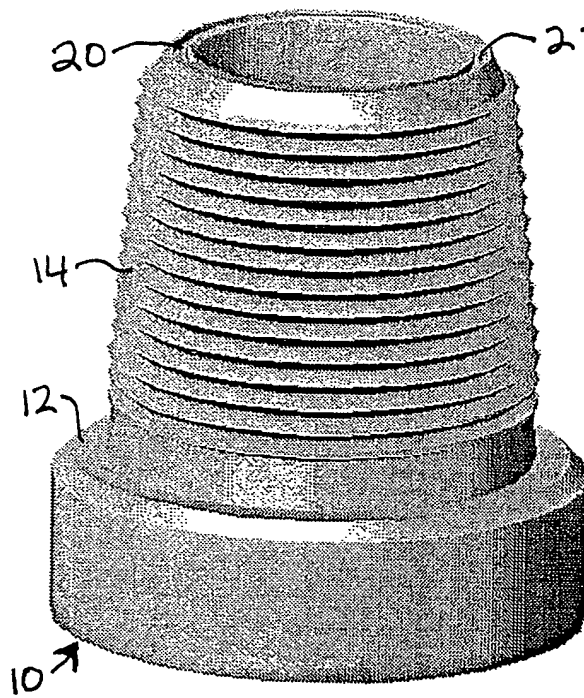
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

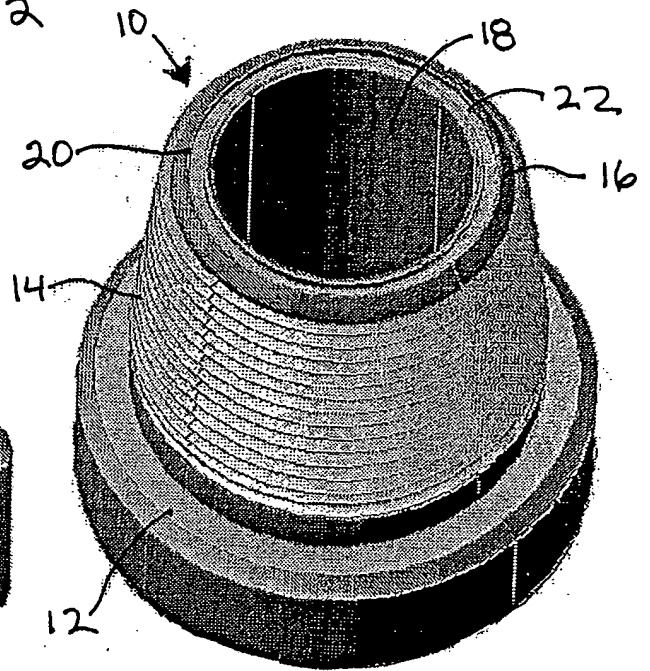
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

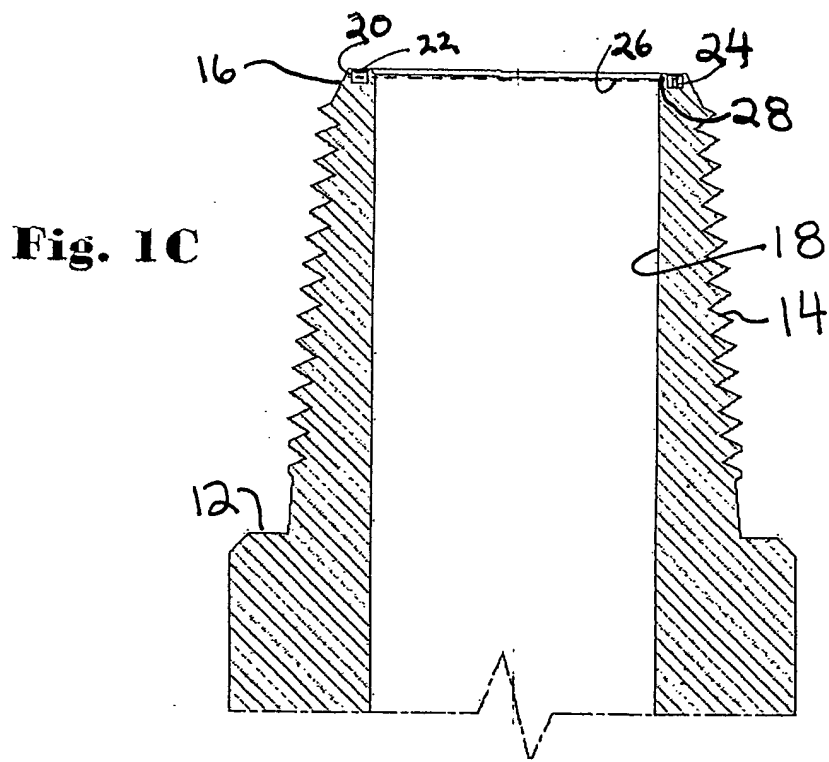
**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



**Fig. 1A**

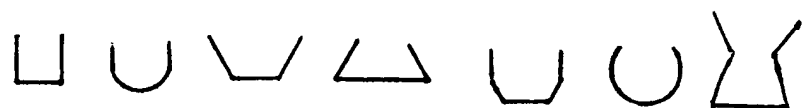


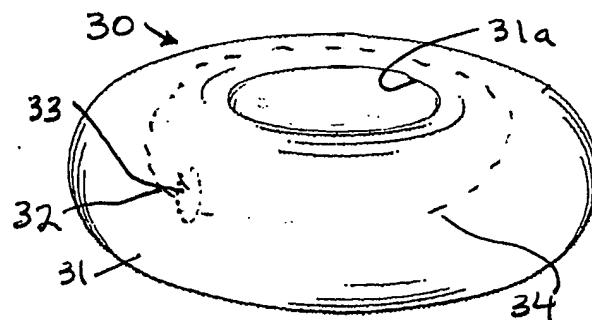
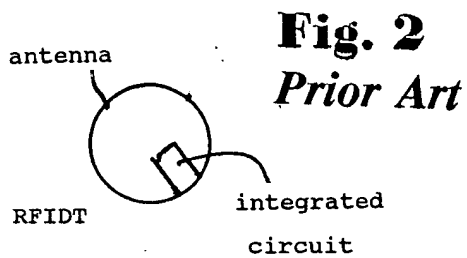
**Fig. 1B**



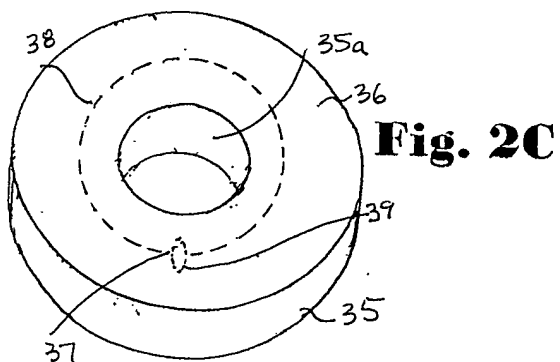
**Fig. 1C**

**Fig. 1D**

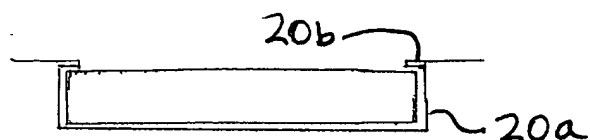




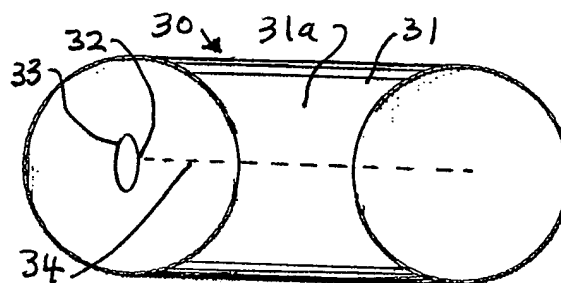
**Fig. 2A**



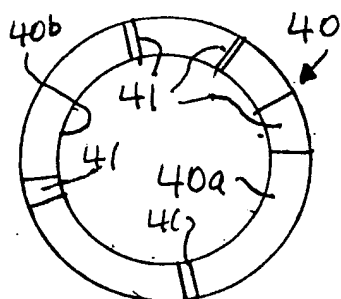
**Fig. 2C**



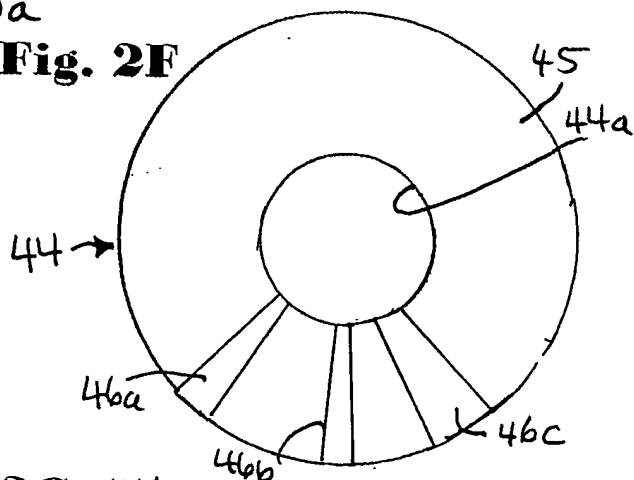
**Fig. 2D**



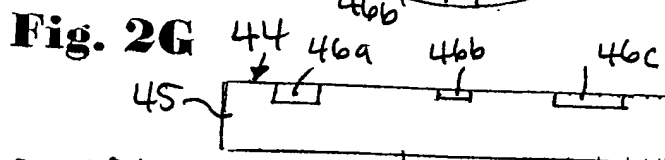
**Fig. 2B**



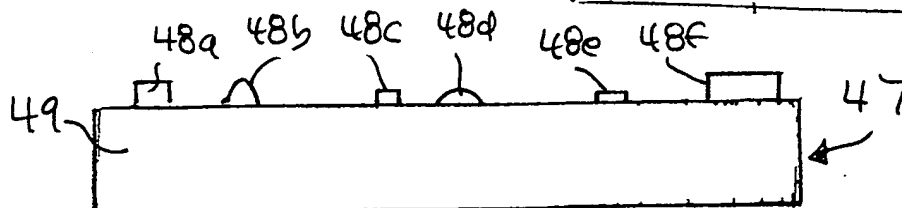
**Fig. 2E**



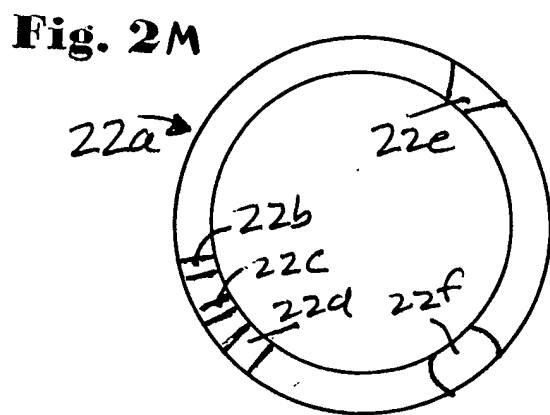
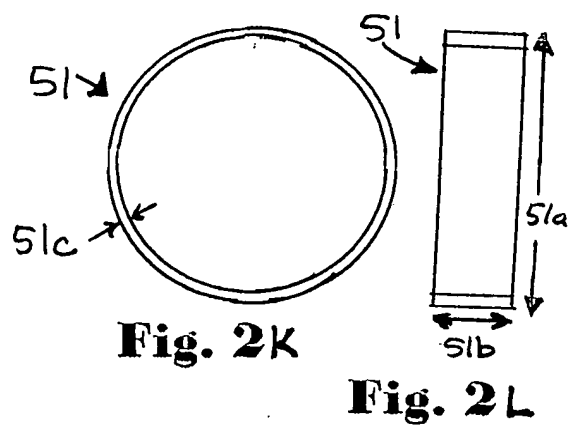
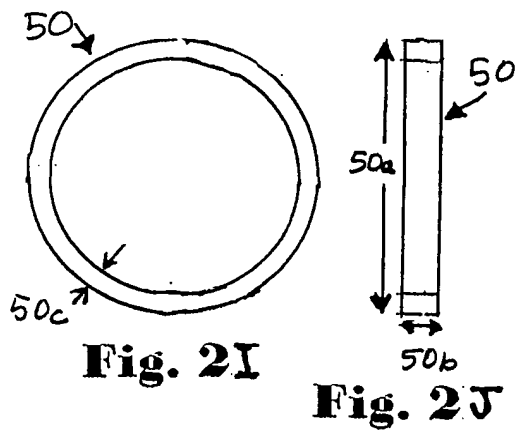
**Fig. 2F**



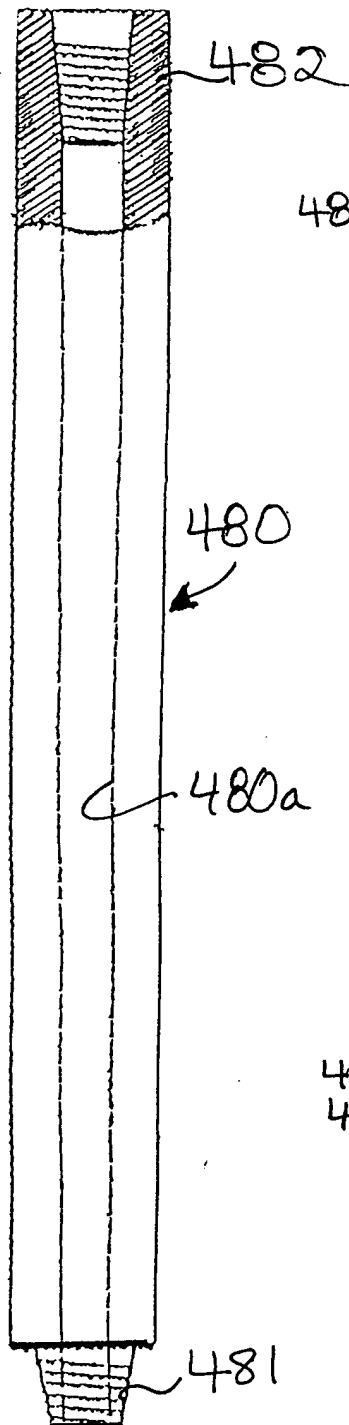
**Fig. 2G**



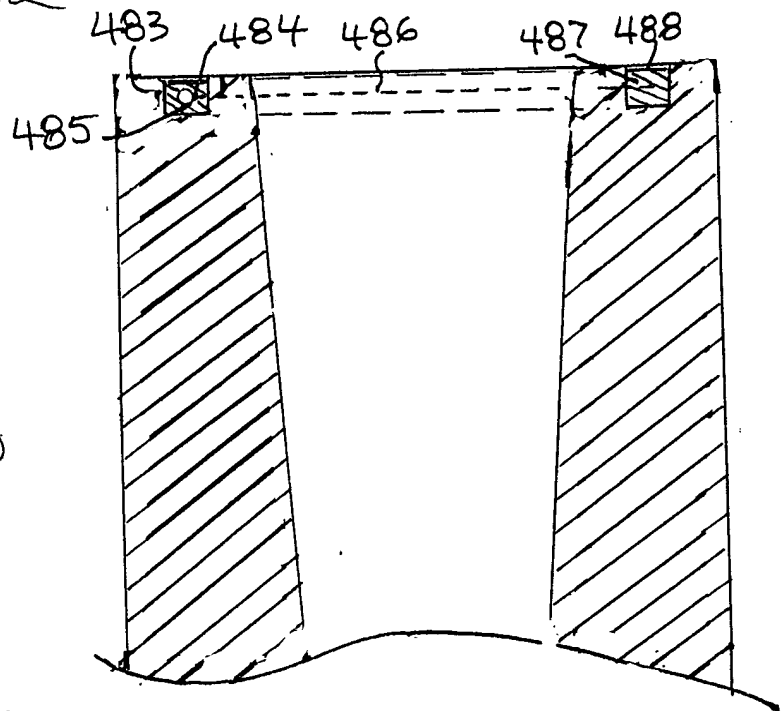
**Fig. 2H**



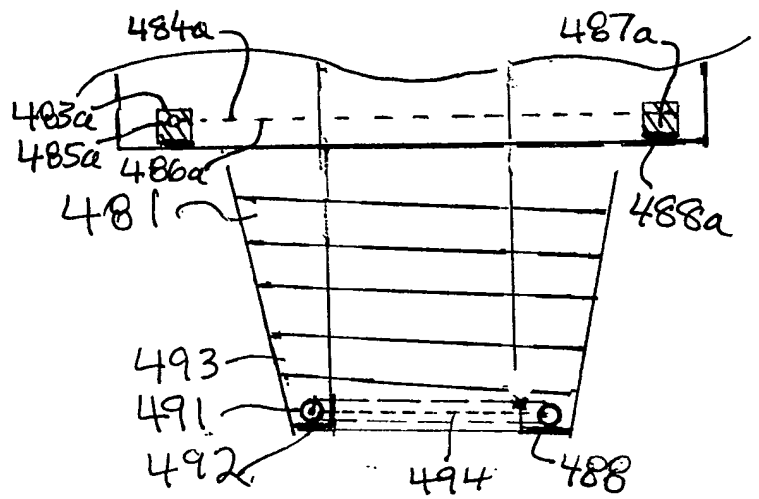
**Fig. 3A**



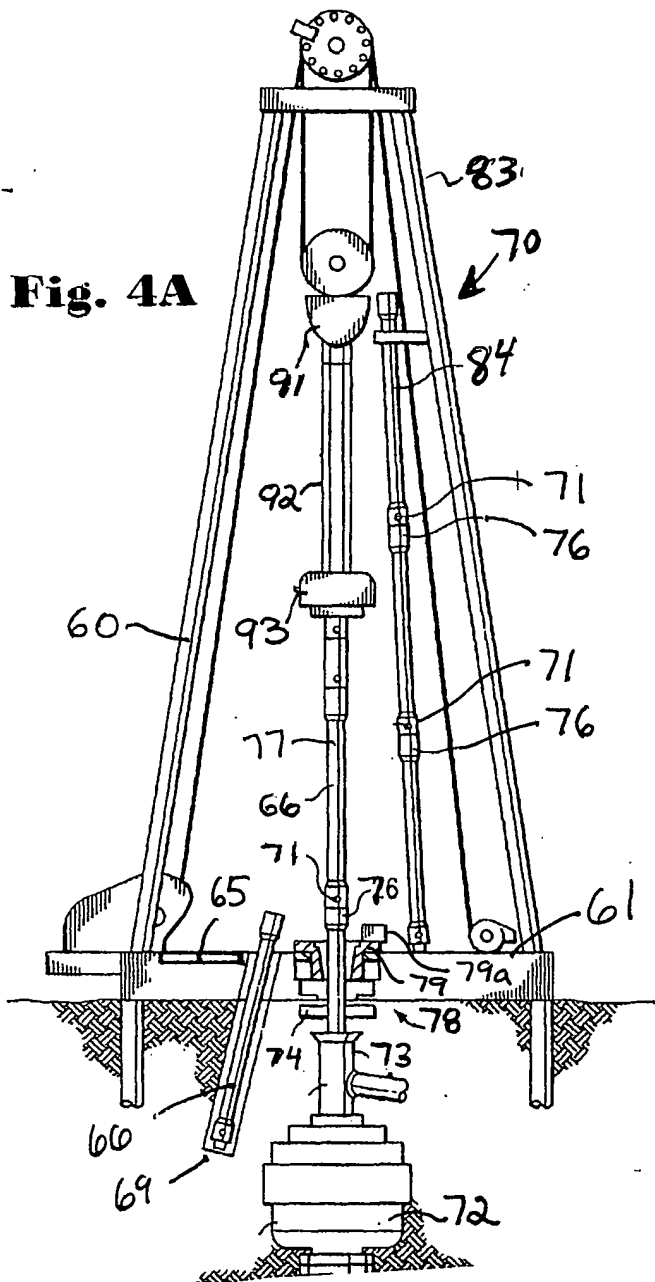
**Fig. 3B**



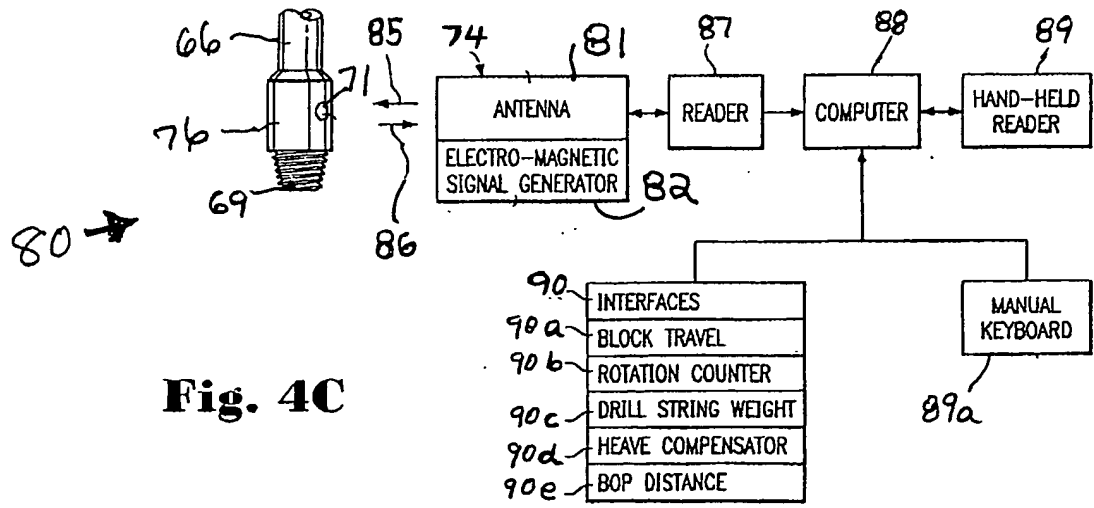
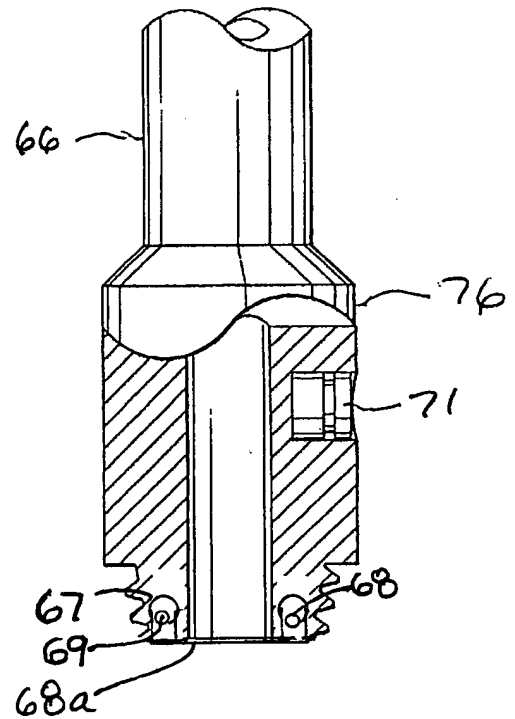
**Fig. 3C**



**Fig. 4A**

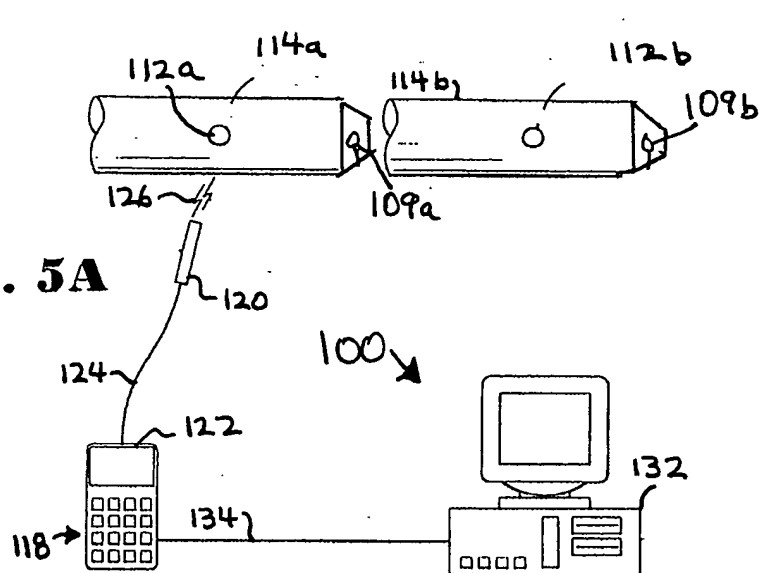


**Fig. 4B**

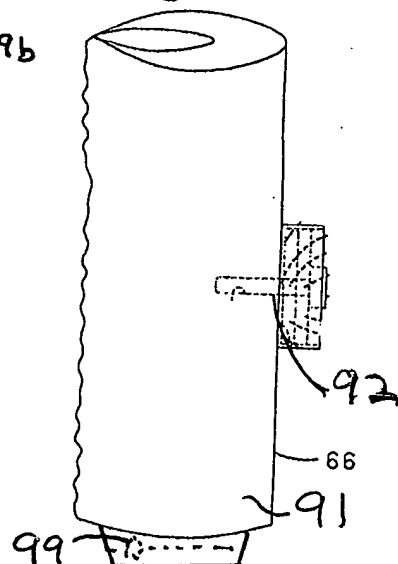


**Fig. 4C**

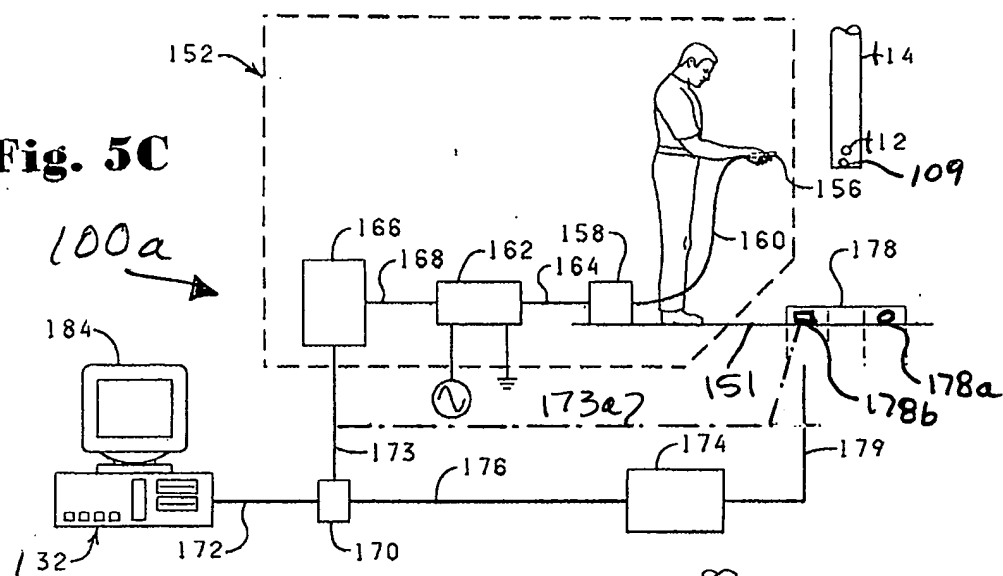
**Fig. 5A**



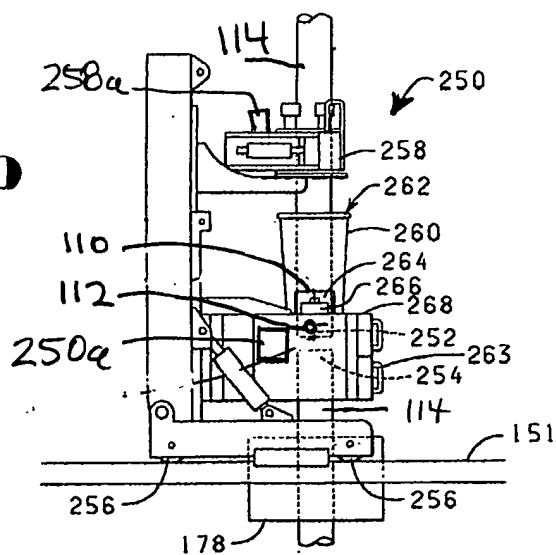
**Fig. 5B**



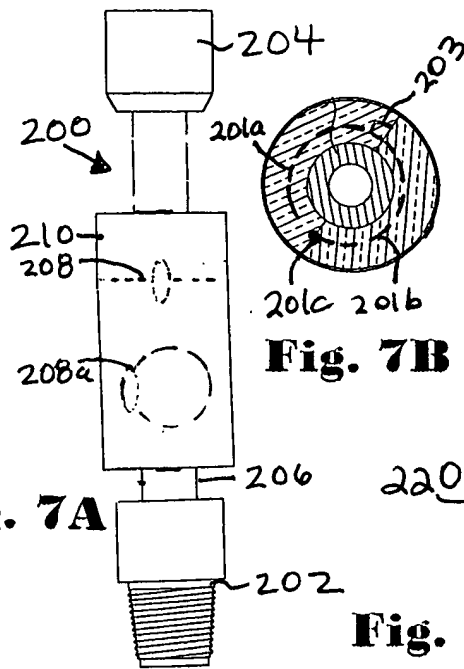
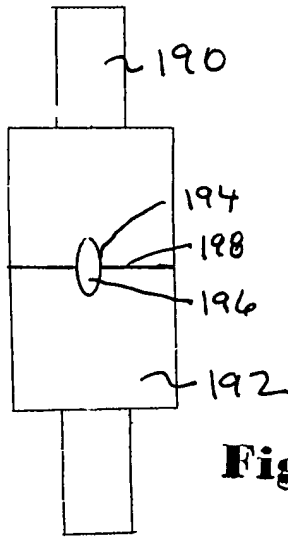
**Fig. 5C**



**Fig. 5D**

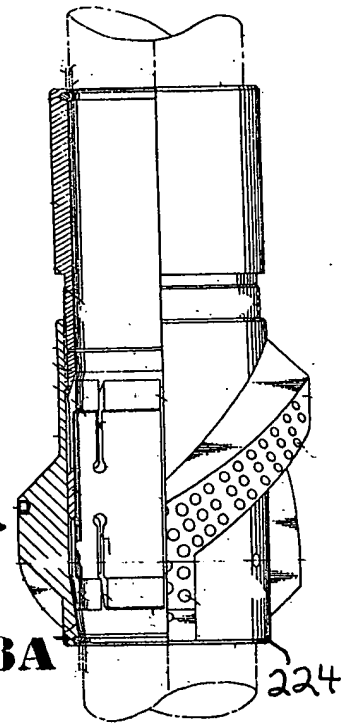


**Fig. 6**

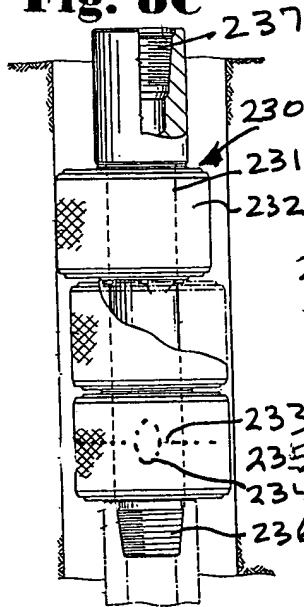


**Fig. 7B**

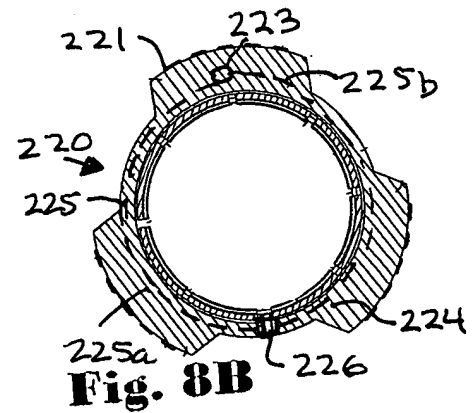
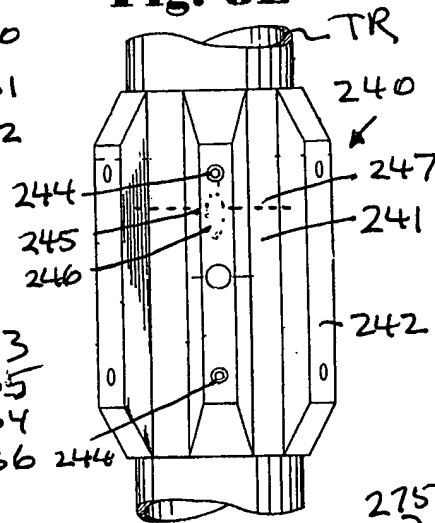
**Fig. 8A**



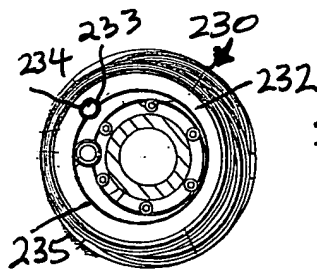
**Fig. 8C**



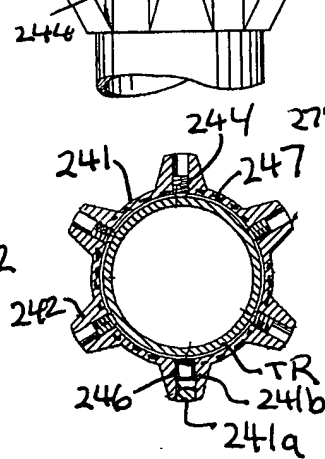
**Fig. 8E**



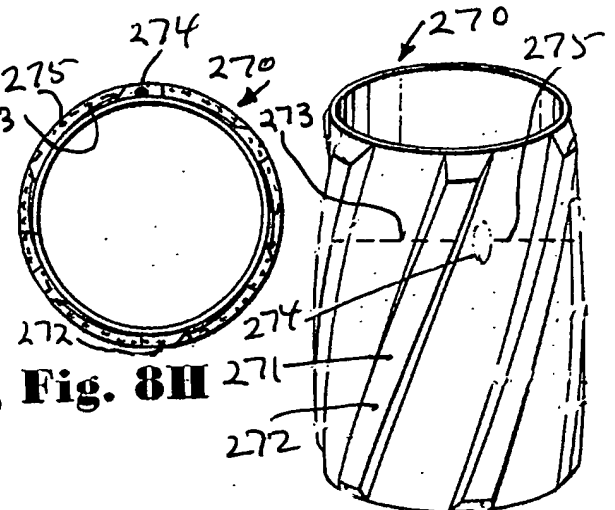
**Fig. 8B**



**Fig. 8D**



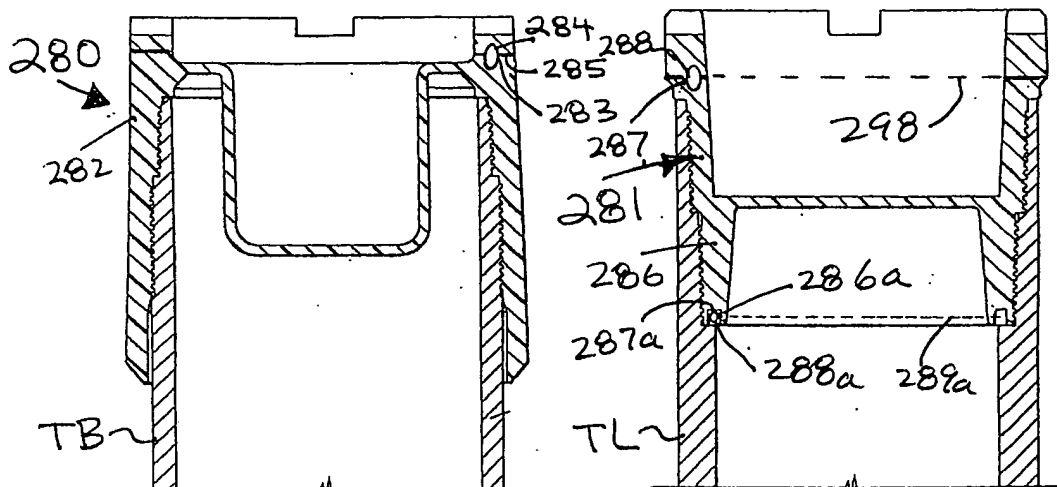
**Fig. 8F**



**Fig. 8H**

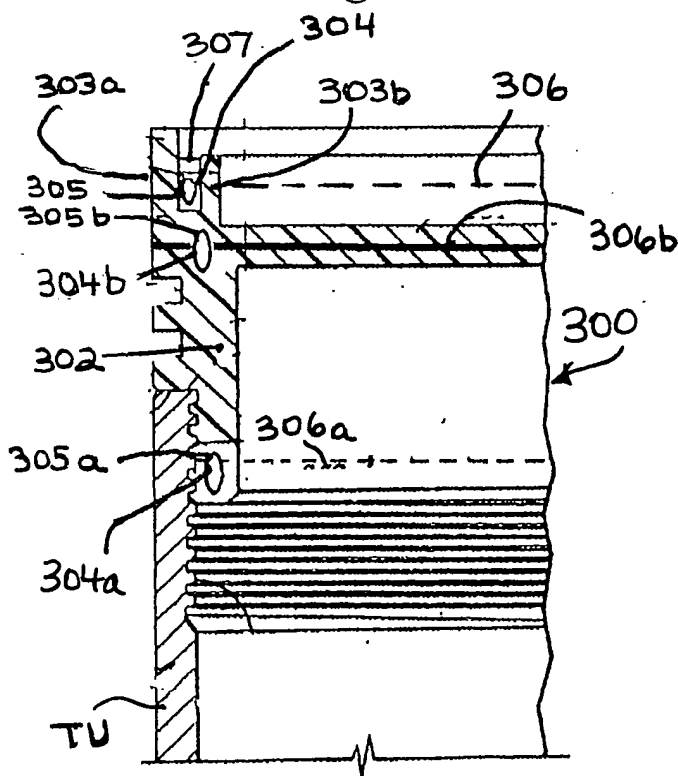
**Fig. 8G**



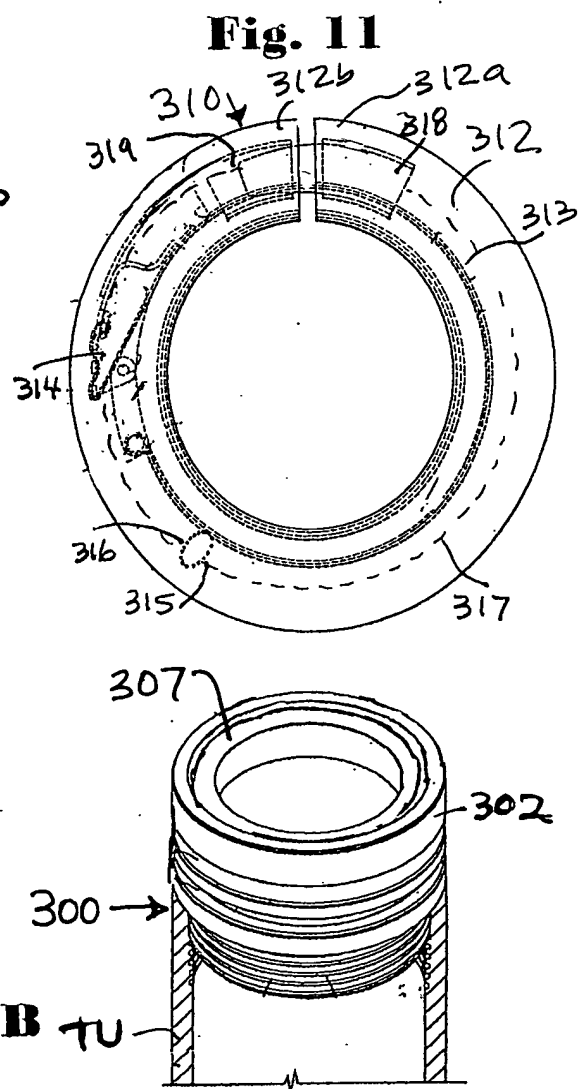


**Fig. 9A**

**Fig. 9B**



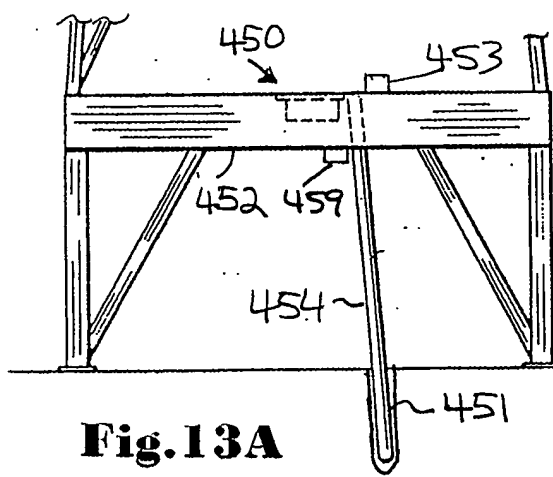
**Fig. 10A**



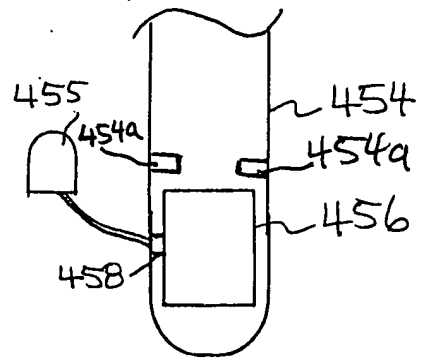
**Fig. 11**

**Fig. 10B**



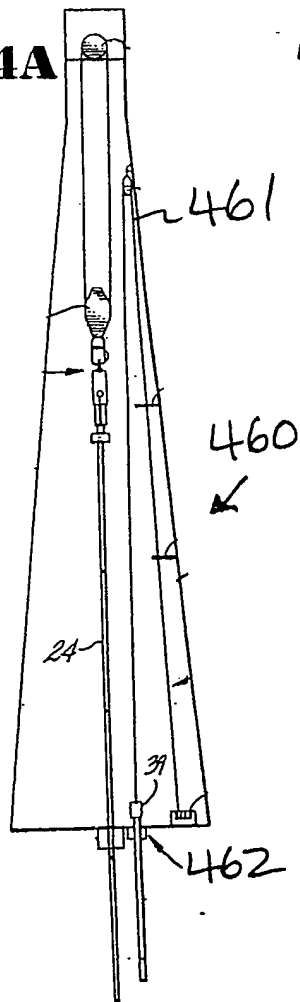


**Fig. 13A**

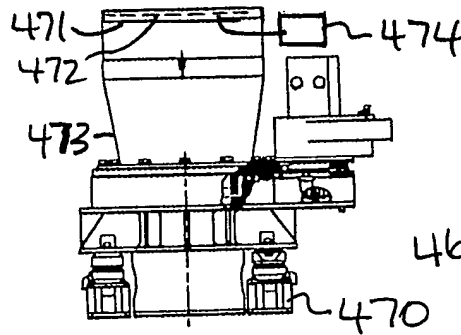


**Fig. 13B**

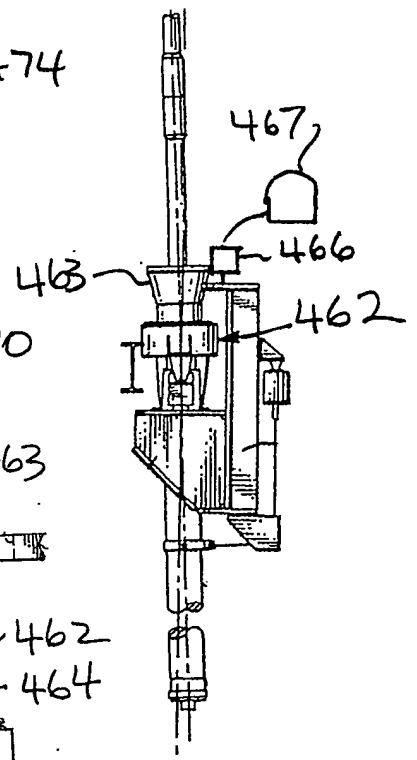
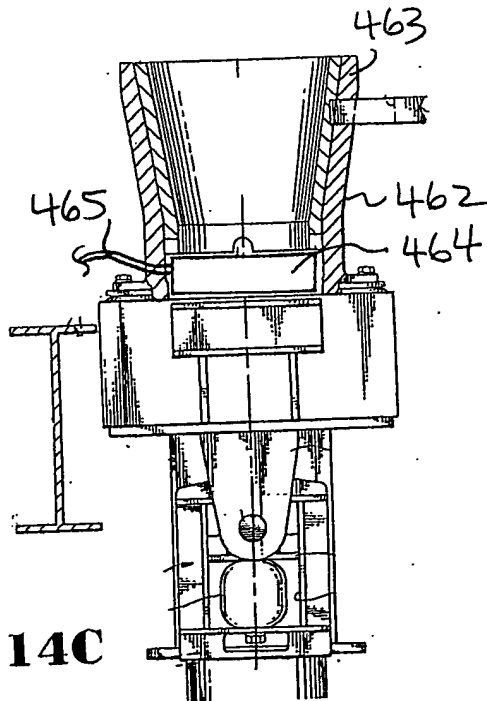
**Fig. 14A**



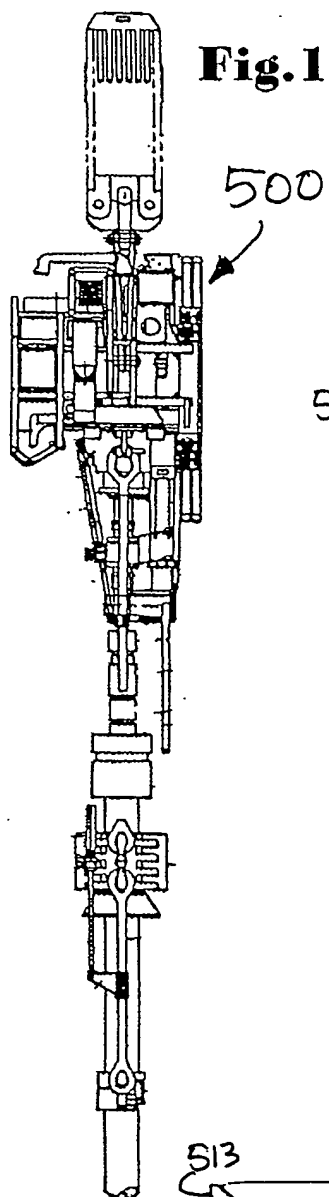
**Fig. 14D**



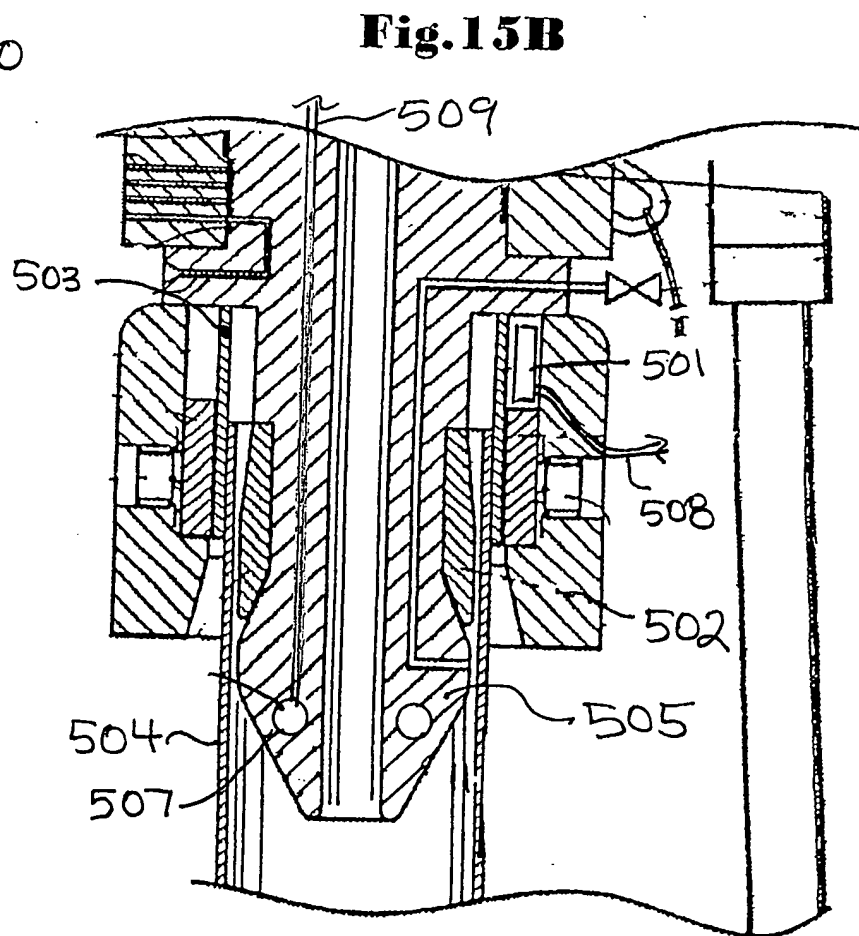
**Fig. 14C**



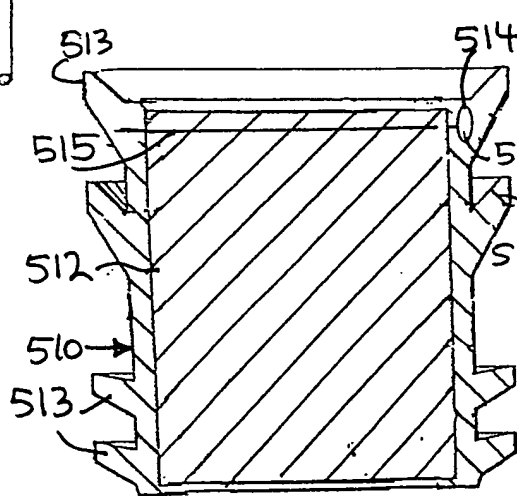
**Fig. 14B**



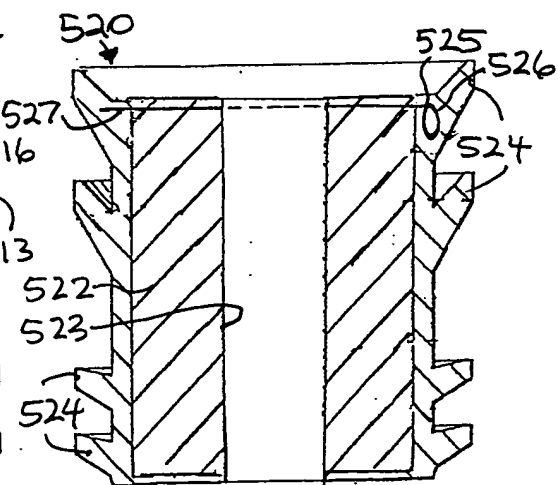
**Fig.15A**



**Fig.15B**

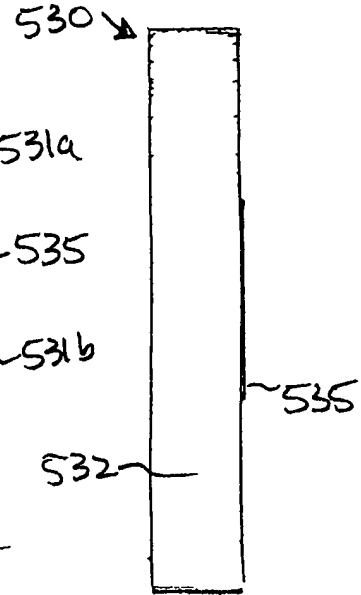
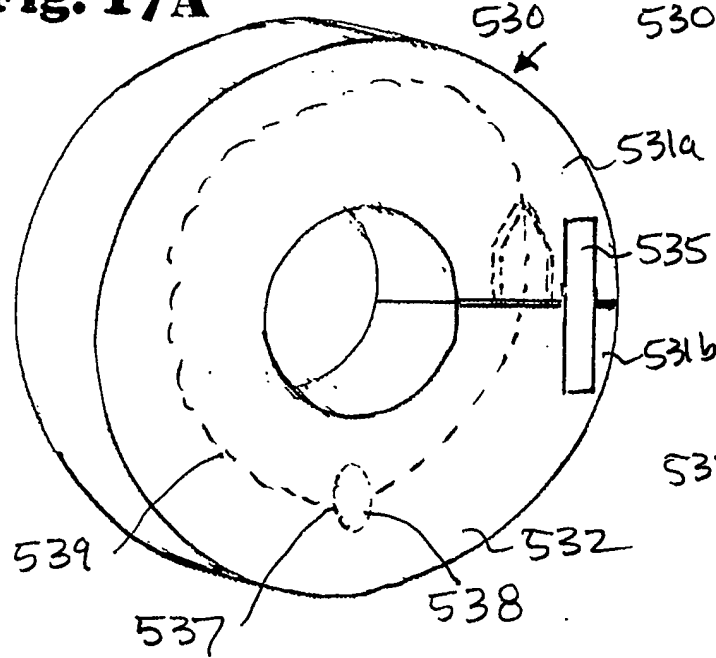


**Fig.16A**



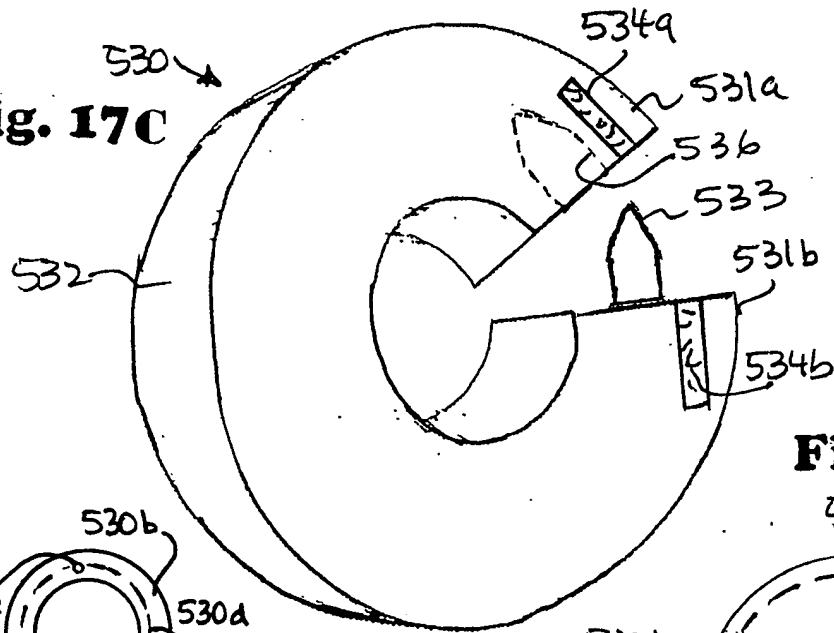
**Fig.16B**

**Fig. 17A**

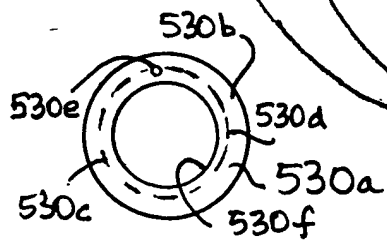
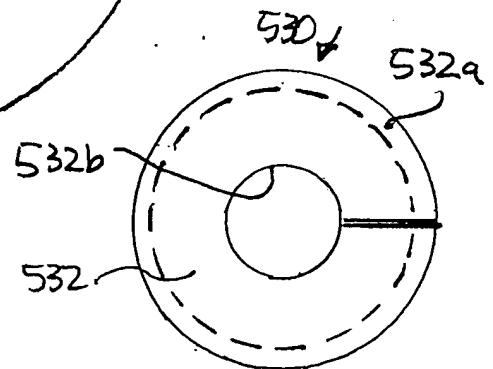


**Fig. 17B**

**Fig. 17C**

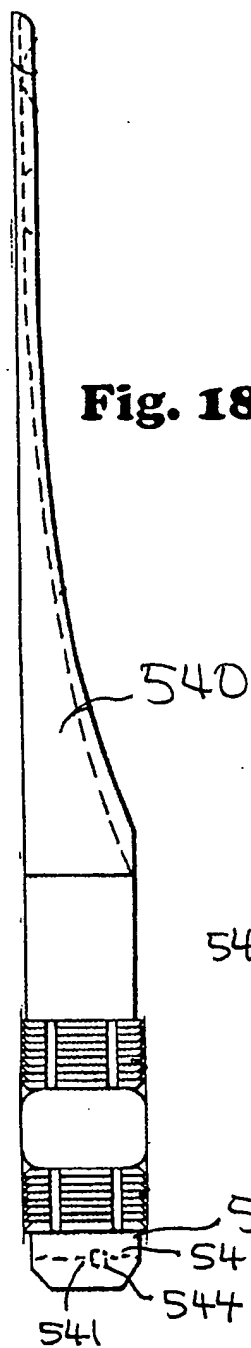


**Fig. 17D**

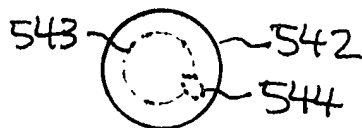


**Fig. 17E**

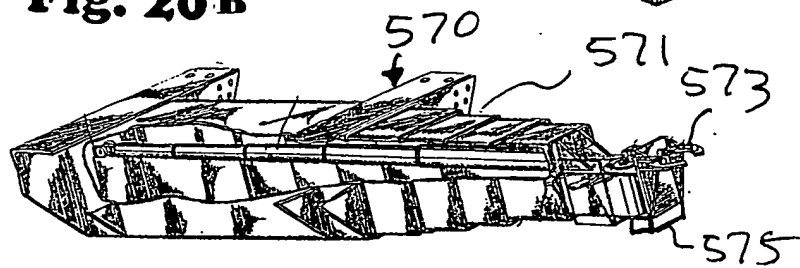
**Fig. 18 A**



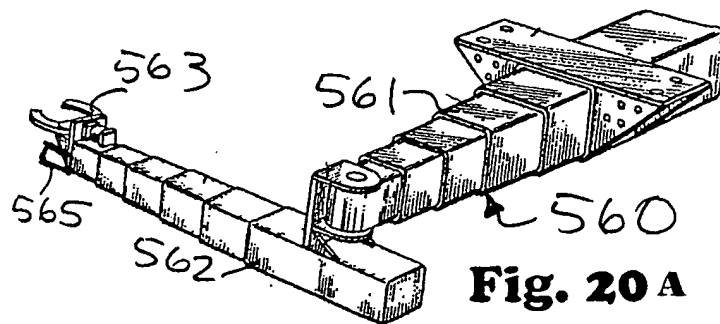
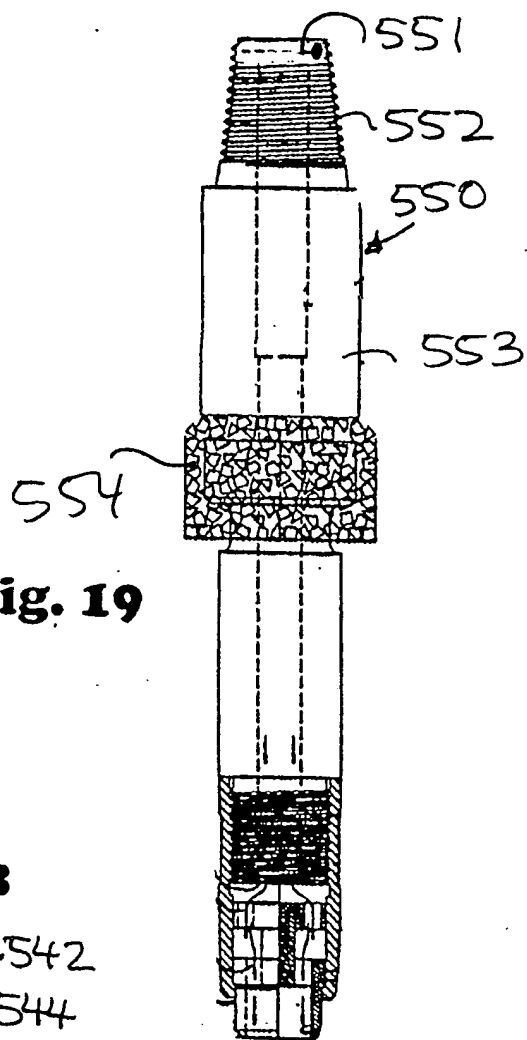
**Fig. 18 B**



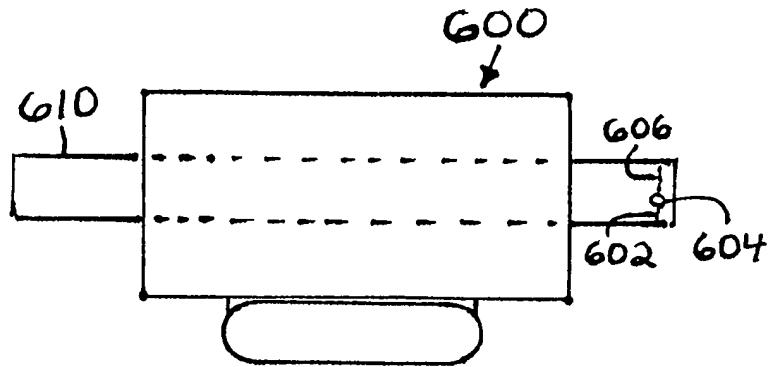
**Fig. 20 B**



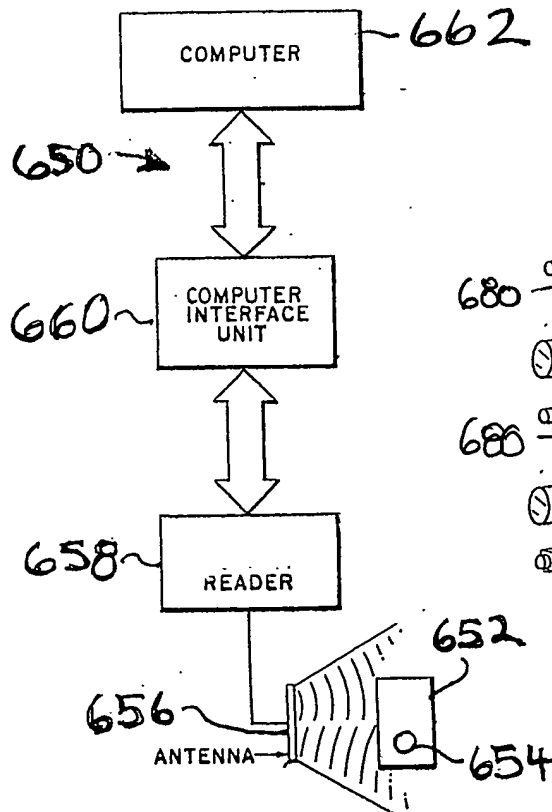
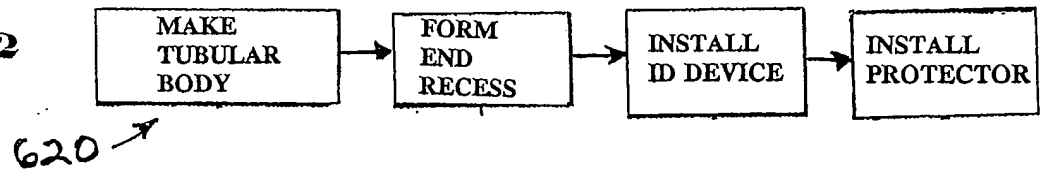
**Fig. 19**



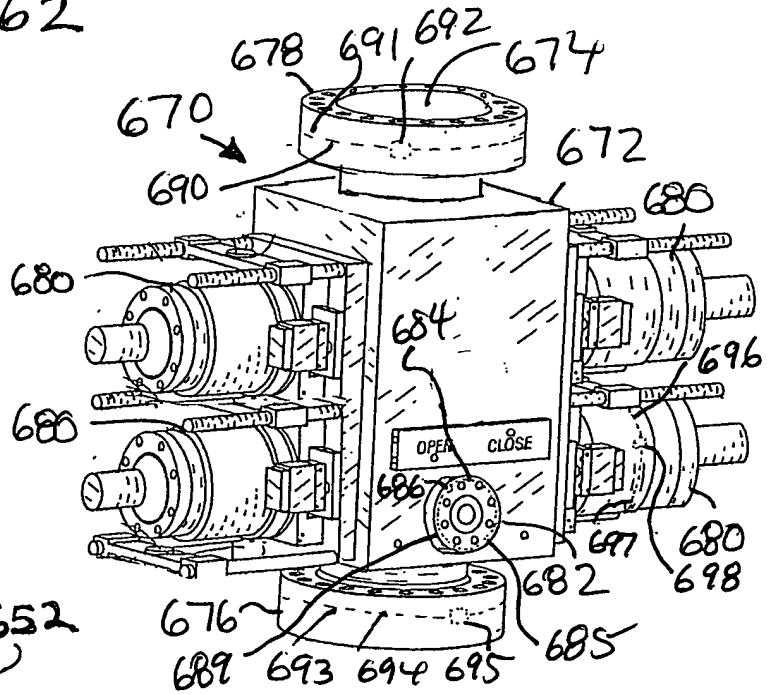
**Fig. 21**



**Fig. 22**



**Fig. 23**



**Fig. 24**